

## Certificate of Achievement Requirements

Complete all department requirements for the certificate with a cumulative grade point average (GPA) of 2.0 or better. Candidates for a Certificate of Achievement are required to complete at least 20% of the department requirements through SBCC.

### Department Requirements (Total Department Units: 27)

<i>Current Course No.</i>	<i>Previous Course No.</i>	<i>Title</i>	<i>Units</i>	<i>Institution &amp; Course No.</i>	<i>Grade</i>	<i>Units (s/q)</i>	<i>Term</i>
• MAT 103.....(none).....		Introduction to Multimedia.....	3.0	_____			
• MAT 116.....(none).....		Interactive Design I.....	3.0	_____			
• MAT 131.....(111/143ABC).....		Digital Imaging I.....	3.0	_____			
• MAT 136.....(ENGR 136).....		Computer Animation I.....	3.0	_____			
• MAT 137.....(none).....		Visual Effects for Film, TV & Gaming.....	3.0	_____			
• MAT 138.....(none).....		3-D Character Animation <b>OR</b> .....	3.0	_____			
MAT 167.....(none).....		3D Environments Design.....	3.0	_____			
• MAT 141.....(none).....		3-D Modeling.....	3.0	_____			
• MAT 145.....(none).....		Video Game Design.....	3.0	_____			
• MAT 205.....(205/FILMST 205).....		Portfolio Developm & Profess. Practices <b>OR</b> .....	3.0	_____			
MAT 168.....(205/FILMST 205).....		Serious Game Prototyping <b>OR</b> .....	3.0	_____			
MAT 216.....(none).....		Interactive Design II – Simple Games.....	3.0	_____			

#### Recommended courses:

• ART 124A....(124).....		Classical Animation I.....	3.0	_____			
• ART 140.....(none).....		Studio Art Foundations (2-D).....	3.0	_____			
• ART 141.....(none).....		3-D Design: Form and Space.....	3.0	_____			
• CS 111.....(COMSC 111).....		HTML & Webmastering.....	3.0	_____			
• FP 181.....(FILMPRO/FILMST 181).....		Production Sound for Film and Television.....	3.0	_____			
• FP 279.....(177/FILMPRO/FILMST 177).....		Motion Graphics and Compositing.....	3.0	_____			
• MAT 112.....(none).....		Digital Drawing.....	3.0	_____			
• MAT 132.....(none).....		Digital Imaging II.....	3.0	_____			
• MAT 152.....(none).....		Compositing & Visual Effects for Animation.....	3.0	_____			
• MAT 153.....(122/142).....		Web Design I.....	3.0	_____			
• MAT 169.....(none).....		Serious Game Production.....	3.0	_____			

Recommended Course Sequence: First semester: MAT 103, 131, 136; Second semester: MAT 116, 137, 145; Third semester: MAT 138 or 167, 141, 168 or 205 or 216.

#### Additional Program Information

For further information, contact the Counseling Center, 965-0581, Ext. 2285, or Michael Gallegos, Department Co-Chair, 965-0581, Ext. 2914, or Alejandra Jarabo, Department Co-Chair, 965-0581, Ext. 4722.

**Associate Degrees and Certificates of Achievement (In alphabetical order) - For a complete list of programs of study (associate degrees, certificates, skills competency awards and department awards) and requirements, go to [http://www.sbccc.edu/apply/degrees\\_certificates.php](http://www.sbccc.edu/apply/degrees_certificates.php).**

Accounting (AS)  
 Accounting/Assistant Bookkeeper IV (C)  
 Administration of Justice (AA/AS/C)-3 emph. avail (AS&C), 1(AA)  
 Administration of Justice for Transfer (AS-T)  
 Alcohol and Drug Counseling (AA/C)  
 American Sign Language (AA)  
 Animation and Gaming (AA/C)  
 Anthropology (AA)  
 Anthropology for Transfer (AA-T)  
 Applied Photography (AA/C)  
 Art (AA) - 2 emphases available  
 Art History for Transfer (AA-T)  
 Associate Child Care Teacher (C)  
 Automotive Services & Technology (AS/C)

---

Biological Sciences (AA)  
 Black Studies (AA)  
 Business Administration (AA/C) – 3 emphases available for AA, 2 for C  
 Business Administration for Transfer (AS-T)

---

Cancer Information Management (AS/C)  
 Chemistry (AA)  
 Chicano Studies (AA)  
 Commercial Music (C)  
 Communication (AA) - 2 emphases available  
 Communication Studies for Transfer (AA-T)  
 Computer App. & Office Mgmt (AS/C) - 2 emphases available  
 Computer Information Systems (AS) – Emph. in System Admin. available  
 Computer Network Engineering (AS/C)  
 Computer Science (AS/C)  
 Construction Technology (AS/C)  
 Cosmetology (AS/C)  
 Creative Writing (C) – 2 emphases available  
 Culinary Arts (AS/C)

---

Database Programming and Applications Development (C)  
 Diagnostic Medical Sonography (C)  
 Diversity Issues in ECE (C)  
 Drafting/CAD (AS/C)

---

Early Childhood Education (AS/C)  
 Early Childhood Education for Transfer (AS-T)  
 Economics (AA)  
 Economics for Transfer (AA-T)  
 Elementary Teacher Education (AA-T)  
 Engineering (AA/AS)  
 English (AA)  
 English for Transfer (AA-T)  
 Environmental Horticulture (AS/C) - 4 emphases available for AS, 1 for C  
 Environmental Studies (AA)  
 Ethnic Studies (AA)

---

Film Production (AA)  
 Film and Media Studies (AA)  
 Finance (AA/C)  
 French (AA)

---

Geography (AA)  
 Geography for Transfer (AA-T)  
 Geological Sciences (AS)  
 Geology for Transfer (AS-T)  
 Global Studies (AA)  
 Graphic Design & Photography – Graphic Design Conc. (AA/C)

Health Information Technology (AS)  
 Healthy Aging (AA)  
 History (AA)  
 History for Transfer (AA-T)  
 Honors (C/C with highest honors) – 2 emphases available  
 Hospitality (AS/C)  
 Infant/Toddler Development (C)  
 Interior Design (AA/C)  
 International Business (AA/C)  
 Introduction to Graphic Design (C)

---

Journalism (AA/C)  
 Journalism for Transfer (AA-T)

---

Kinesiology for Transfer (AA-T)

---

Law & Society (AA) - Emphasis in Criminal Justice available  
 Liberal Arts (AA) – Emphasis in Biomedical Sciences  
 Liberal Arts & Sciences (AA) – 3 emphases available  
 Liberal Studies (AA) – Emphasis in Education

---

Marine Diving Technician (AS/C)  
 Marketing (AA/C)  
 Mathematics (AA)  
 Mathematics for Transfer (AS-T)  
 Media Arts (AA/C)  
 Medical Coding Specialist (C)  
 Middle East Studies (AA)  
 Music (AA)

---

Native American Studies (AA)  
 Natural History (AA)  
 Nursing - ADN (AS)

---

PC Support/Network Management (C)  
 Philosophy (AA)  
 Philosophy for Transfer (AA-T)  
 Physical Education (AA) – Emphasis in Athletic/Personal Fitness avail.  
 Physics (AA/AS)  
 Physics for Transfer (AS-T)  
 Political Science (AA)  
 Political Science for Transfer (AA-T)  
 Post-Professional Practice in ADC (C)  
 Psychology (AA)  
 Psychology for Transfer (AA-T)

---

Radiography (AS)  
 Real Estate (AS/C)

---

School-Age Care (C)  
 Sociology (AA)  
 Sociology for Transfer (AA-T)  
 Spanish (AA)  
 Spanish for Transfer (AS-T)  
 Studio Arts for Transfer (AA-T)

---

Theatre Arts (AA) - 3 emphases available  
 Theatre Arts for Transfer (AA-T)  
 Transfer – CSU General Education Breadth Pattern (C)  
 Transfer – IGETC (C)

---

Vocational Nursing (AS/C)

---

Wastewater Technology Education (C)  
 Water Technology Education (C)

Key: (AA)=Associate in Arts; (AA-T)=Associate in Arts for Transfer; (AS)=Associate in Science; (AS-T)= Associate in Science for Transfer; (C)=Certificate of Achievement



Santa Barbara City College

# Animation and Gaming

## 2017-18

### Certificate of Achievement in Animation and Gaming

Multimedia is a field of study and an industry emerging from the synthesis of communication networks and cross-disciplinary media development processes. The advent of digital technologies, media authoring, storage and distribution in conjunction with traditional media production processes has created this confluence of what is often referred to as new media, digital media or multimedia.

The Multimedia Arts curriculum develops students' aesthetic and technical competence by providing training in state-of-the-art software, production processes, theory and concepts. The program prepares students for employment in applied media industries or for transfer to media programs at 4-year institutions. Our courses give students a core background in art, design, and technical skills in media development, production and distribution.

Currently, the program offers 2 fields of study with a number of electives. These electives range in specialization from web design and development authoring, sound design and engineering to 3-D animation and effects compositing. Students may seek an Associate in Arts Degree or pursue a more rigorous and concentrated Certificate.

***SBCC: Your Open Door to Educational Excellence***